

Remarks

Claims 1-10 are pending. By this Amendment, claims 1, 2, and 7 have been amended. Reconsideration and allowance are respectfully requested in view of the above amendments and the following remarks. No new matter is believed added.

Claims 1-10 are rejected under 35 U.S.C. §102(b) over Werner (EP 0 840 522). This rejection is defective because Werner fails to teach each and every feature of the present invention as required by 35 U.S.C. §102.

In the Final Office Action (page 5, first paragraph), the Examiner equates the claimed "processing means for processing the input signal to the output data signal" with Werner's decoding engine 24. However, in the section "Response to Arguments," the Examiner repeatedly asserts that "the claimed processing means is anticipated by the signal interface 11 of Werner" (Office Action, page 3, lines 12-13, page 4, lines 5-6). Applicant respectfully requests clarification of the Examiner's position with regard to the claimed "processing means."

Claim 1 presents a digital video-processing unit including a memory manager wherein "an output of the processing means is coupled to an input of the memory manager, and in that the memory manager is further arranged to transfer the output data signal from the processing means to the memory means for storing the output data signal, and to transfer the stored output data signal from the memory means to the display unit." Werner fails to teach such a memory manager. In particular, Werner's memory manager 22 does not transfer the output data signal of the decoding engine 24 (which the Examiner has equated with the claimed "processing means") from the shared memory 23 to a "display unit" as claimed. Rather, in Werner, the output data

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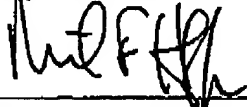
signal of the decoding engine 24 is provided to the scaling engine 25 by the memory manager 22. Werner discloses that the shared memory 23 "stores compressed video data for delivery to the decoding engine and also stores the video data after decompression for delivery to the scaling engine" (col. 2, line 54 – col. 3, line 3). Accordingly, because Werner fails to teach each and every feature of claim 1, Applicant respectfully submits that claim 1 is allowable.

Claims 2-10 depend from independent claim 1, and are, therefore, patentable for at least the reasons set forth above.

Accordingly, Applicant respectfully submits that claims 1-10 are in condition for allowance.

In light of the above, Applicant submits that all claims are in condition for allowance. If the Examiner believes that anything further is necessary to place the application in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,



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